

# Product Specifications

## CELLMAX-D-CPUS-O

Cell-Max™ Directional Outdoor Antenna, 824–960 MHz and 1710–2500 MHz

### **OBSOLETE**

This product was discontinued on: **2/28/2011**

### Replaced By:

CELLMAX-D-CPUSE-O Cell-Max™ Directional Outdoor Antenna, 698–960 MHz, 1710–2700 MHz



## CHARACTERISTICS

### General Specifications

Antenna Type	Directional
Operating Frequency Band	1710 – 2500 MHz   824 – 960 MHz
Brand	Cell-Max™
Color	White
Interface	N Female
Package Quantity	1
Pigtail Cable	RG58, plenum rated
Radome Color	White
Radome Material	ABS, UV resistant

### Electrical Specifications

Operating Frequency Band	824 – 960 MHz
Beamwidth, Horizontal	85° nominal
Beamwidth, Vertical	75° nominal
Gain at Frequency Band	7.0 dBi @ 824–960 MHz

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# Product Specifications



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Impedance	50 ohm
Input Power, maximum	50 W
Polarization	Vertical
Return Loss	11.0 dB
VSWR	1.7:1

## Electrical Specifications (Band 2)

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Operating Frequency Band	1710 – 2500 MHz
Beamwidth, Horizontal	85° nominal
Beamwidth, Vertical	75° nominal
Gain at Frequency Band	7.0 dBi @ 1710–2500 MHz
Return Loss at Frequency Band	11.0 dB @ 1710–2500 MHz
VSWR	1.7:1

## Mechanical Specifications

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Mounting	4-hole wall mounting plate and hardware included
Pigtail Length	285.0 mm   11.2 in

## Environmental Specifications

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Application	Outdoor
Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Relative Humidity	Up to 100%

## Dimensions

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Height	203.00 mm   7.99 in
Length	46.00 mm   1.81 in
Net Weight	0.50 kg   1.10 lb
Width	156.00 mm   6.14 in

## Packed Dimensions

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Height	110.0 mm   4.3 in
Length	270.0 mm   10.6 in
Shipping Weight	0.74 kg   1.63 lb
Volume	0.0037 m <sup>3</sup>
Width	205.0 mm   8.1 in

## Regulatory Compliance/Certifications

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Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

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